

WHAT IS CLAIMED IS:

1. A food package comprising a container made of soft material and having a trunk substantially shaped in a cylinder, a truncated cone or an inverted truncated cone, and a bottom formed in its substantially central zone with a push-out aperture provided with a removable seal, and filled with viscous or semisolid food wherein the container has a sealed upper opening.

2. The food package according to Claim 1, wherein the trunk of the container made of soft material is provided with annular bulges or annular grooves or annular steps arranged in parallel to the bottom.

3. The food package according to Claim 2, wherein the trunk of the container made of soft material is provided with, in addition to the annular steps, bias-like bulges obliquely crossing these annular steps and having a uniform thickness as viewed in cross-section.

4. The food package according to Claim 1, wherein the bottom is provided around the push-out aperture with a leg extending downward.

5. The food package according to Claim 4, wherein the trunk of the container made of soft material is provided with the annular bulges or the annular grooves or the annular steps arranged in parallel to the bottom.

6. The food package according to Claim 5, wherein the trunk of the container made of soft material is provided with, in addition to the annular steps, bias-like bulges obliquely crossing these annular steps and having a uniform thickness as viewed in cross-section.

7. Push-out method for food from the food package according to Claim 1 comprising steps of:

providing a push-out device comprising a container receiving member having a substantially cylindrical trunk member and a bottom member provided in its central zone with a through-hole, and a depressing member adapted to be guided into the cylindrical trunk member from above;

setting the food package according to Claim 1 in the container receiving member;

compressing the food package by the depressing member from above toward the bottom while the container made of soft material is controllably guided along the inner surface of the cylindrical trunk member or a peripheral surface of the through-hole of the bottom member so that the container may be prevented from shifting sideways until the container is flattened; and

thereby forcing out the content food through the push-out aperture and the through-hole of the bottom of the container made of soft material.

8. Push-out method for food from the food package according to Claim 1 comprising steps of:

providing a push-out device comprising a substantially flat container receiving member formed in its substantially central zone with a through-hole and around the through-hole with a substantially annular groove or a substantially annular pedestal, and a depressing member positioned above the container receiving member and adapted to depress the container toward the container receiving member;

removing the sealing member sealing the push-out aperture of the bottom of the food package according to Claim 1 and setting the leg extending downward from the bottom in the substantially annular groove or the substantially circular pedestal;

compressing the food package by the depressing member from above toward the bottom without anxiety that the package might shift sideways until the package is flattened; and

forcing the content food through the push-out aperture of the bottom of the container made of soft material and the through-hole of the container receiving member.

9. A push-out device comprising a container receiving member having a substantially cylindrical trunk member and a bottom member provided in its central zone with a through-hole, and a depressing member adapted to be guided into the cylindrical trunk member from above, said push-out device being characterized by that:

the container receiving member comprising therein:
space adapted to receive the food package according to Claim 1; and

inner structure arranged so that the inner surface of the cylindrical trunk member or the peripheral surface of the through-hole of the bottom member controllably guides the container made of soft material to avoid the anxiety that the container might shift sideways as the food package is compressed by the depressing member from above toward the bottom until the container is flattened and thereby the content food is forced out through the push-out aperture of the bottom of the container made of soft material and the through-hole of the bottom member.

10. A push-out device comprising a substantially flat container receiving member formed in its substantially central zone with a through-hole and around the through-hole with a substantially annular groove or a substantially annular pedestal, and a depressing member positioned above the container receiving member and adapted to depress the container toward the container receiving member, said push-out device being characterized by that:

the container receiving member comprising therein:
space allowing the food package according to Claim 1 having the sealing member removed from the push-out aperture of the bottom to be set in the container receiving member with the leg extending downward from the bottom engaged with the

substantially annular groove or the substantially annular pedestal; and

an inner structure arranged so that the food package is flattened without the anxiety that the food package might shift sideways as the package is compressed by the depressing member from above toward the bottom and thereby the content food is forced out through the push-out aperture of the bottom of the container and the through-hole of the bottom member.